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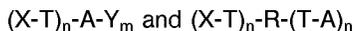
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54 **Lubricants for magnetic media.**

57 Amphiphilic compound having one of the following structures:



wherein X is a fluorocarbon terminal group, T is a polar linking group, A is a nucleus other than saturated lower aliphatic, Y is a polar nonlinking group, R is a saturated or unsaturated, substituted or unsubstituted, straight or branched lower aliphatic group, n is at least one, and the sum of n and m is at least two. Such compounds are useful as lubricants for magnetic media. Also, a lubricated magnetic medium comprising a planar, polar surface covered with a monolayer comprising a compound having the structure described above, except that A can also be a saturated lower aliphatic group.

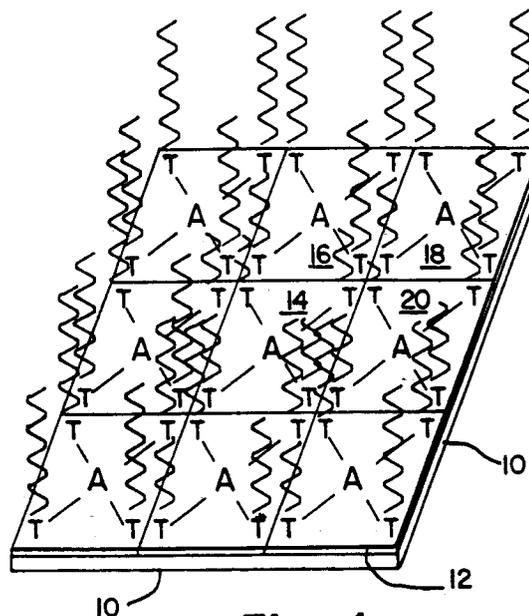


Fig. 1

EP 0 464 991 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	EP-A-0 308 801 (HOECHST AG) * page 2, line 26 - page 3, line 49 * * page 5, line 5 - line 8; example 1 * ---	1-3,6-8	C08G65/00 G11B5/71 B05D1/00 G11B5/72
X	US-A-4 613 548 (G. S. LUM) * column 3, line 58 - line 68; claims * ---	1,5,7	C07C335/02 C07D239/50 C07F9/6581
X	US-A-4 871 625 (T. DEKURA ET AL.) * claims; examples * ---	1,7	
A	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY vol. 84, no. 4, 20 February 1962, pages 551 - 555 R. RÄTZ ET AL. 'A New Class of Stable Phosphonitrilic Acid Esters. Polyfluoroalkyl Phosphonitrilates' * the whole document * ---	1,5	
A	JOURNAL OF THE MAGNETICS SOCIETY OF JAPAN vol. 13, 1989, pages 213 - 218 H. KONDO ET AL. 'Novel Lubricants for Magnetic Thin Film Media' * the whole document * ---	7	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
A	THIN SOLID FILMS vol. 160, 1988, pages 453 - 462 M. SUZUKI ET AL. 'Characterization of Monolayer and Bilayer (Polymer/Monolayer) Structures for their Use as a Lubricant' * the whole document * ---	1,7	C08G G11B C07C C07D C07F
A	US-A-4 668 587 (K. SUMIYA ET AL.) * claims * -----	1,7	
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 06 APRIL 1993	Examiner BOEKER R.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	